

ABSTRACT

Systems and methods for scheduling inter-piconet communication in ad-hoc communication networks are disclosed. A first network node transmits a capacity allocation message to a second network node, which message includes a parameter indicative of the capacity requested from the second terminal and a representation of available capacity in the first terminal. The second terminal performs a matching function to determine whether there is mutually acceptable available capacity that is allocable to a communication session with the first terminal.

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